| Index of Claims  |            |     |                  |            |    |   |          |              |            |            |   |          | Application Control No. |                 |          |   |          |          |          |          |        |        | Reexamination |                 |       |            |   |           |          |             |           |          |           |           |           |   |  |
|--|------------|-----|------------------|------------|----|---|----------|--------------|------------|------------|---|----------|-------------------------|-----------------|----------|---|----------|----------|----------|----------|--------|--------|---------------|-----------------|-------|------------|---|-----------|----------|-------------|-----------|----------|-----------|-----------|-----------|---|--|
|  |            |     |                  |            |    |   |          |              |            |            |   |          | 10                      | 10/050,648      |          |   |          |          |          |          |        |        |               | HAMILTON ET AL. |       |            |   |           |          |             |           |          |           |           |           |   |  |
|  |            |     |                  |            |    |   |          |              |            |            |   |          | E                       | Examiner        |          |   |          |          |          |          |        |        |               | Art Unit        |       |            |   |           |          |             |           |          |           |           |           |   |  |
| E TORIO THAIN ESTIM BATHA FRIM DERRY SIMM ROOM THE STATE ( |            |     |                  |            |    |   |          |              |            |            |   |          |                         | Jacob Lipman    |          |   |          |          |          |          |        |        | 2134          |                 |       |            |   |           |          |             |           | •        |           |           |           |   |  |
|  |            |     |                  | _          | _  |   | `        |              | _          | _          | _ |          |                         |                 |          |   |          |          |          |          |        |        |               |                 |       | _          |   |           |          |             |           | _        |           |           |           |   |  |
| Rejected (Through numer Cancelled                          |            |     |                  |            |    |   |          |              | al)        |            |   | N        | N                       | Non-Elected     |          |   |          | A        | Appeal   |          |        |        |               |                 |       |            |   |           |          |             |           |          |           |           |           |   |  |
| <del>                                      </del>          |            |     |                  |            |    |   |          |              |            |            |   |          |                         | -               |          | - | _        |          |          |          | 1      | H      | _             | _               |       |            |   | ᅱ         |          | •           |           |          |           |           |           |   |  |
| = Allowed  |            |     |                  |            |    |   | +        |              |            | Restricted |   |          |                         |                 |          |   | П        | ln       | ite      | rfer     | en     | ce     |               | 0               |       | Objected   |   |           |          |             |           |          |           |           |           |   |  |
|  | Claim Date |     |                  |            |    |   | <i></i>  |              |            | <u>-</u>   | _ | Cât-t    |                         |                 |          |   | ' '      |          |          |          |        |        |               |                 |       | _          |   |           |          |             |           |          | _         |           |           |   |  |
| Cli  | aim<br>—   | _   | Oate   1/2 7/0.5 |            |    | e | Т        | Т            | 1          | ł          | ۲ | lai      | _                       | -               | _        |   | ď        | Date     |          | -        |        |        | ŀ             | CI              | aim   | Н          | _ | Date      |          |             | 7         | _        | 7         | ┥         |           |   |  |
| Final  | Original   | કુ  | 1/2              | 1          | Š  |   |          | ١            |            |            | ł | Final    |                         | Original        |          |   |          | l        |          |          |        |        |               | -               | First | Original   |   |           | 1        | 1           | 1         |          |           |           |           |   |  |
| <u> </u>   | δ          | र्ड | 111              | 1          | 3  | 1 | 1        |              | ۱          |            |   | =        | 1                       | õ               |          |   |          |          | li       |          |        |        |               |                 | Œ     | ē          |   |           | ١        | 1           | 1         | - [      |           |           | -         |   |  |
|  | -          | •   | 辽                | V          | V  |   |          |              | İ          | L          | 1 |          |                         | 51              |          |   |          |          |          |          |        |        |               | Ì               |       | 101        |   |           |          | 士           | I         | コ        |           |           |           |   |  |
| -  | 3          | 7   | 7                | L          | L  | ╀ | -        | H            | ╀          | -          | 1 | -        |                         | 22              | _        | Н | Н        | Н        | Н        | Н        | Н      |        | Н             | ŀ               |       | 102        | Н | $\dashv$  | 4        | 4           | 4         | -        | -         | -         | -{        |   |  |
|  | 4          | İ   | げ                |            |    |   | t        | t            | $^{\perp}$ | T          |   |          | Τ                       | 54              |          | Ε |          | Η        | Н        |          |        |        | H             | ı               | _     | 104        | H |           | 7        | $\dashv$    | 1         | ╛        |           |           |           |   |  |
| _  | 5          | •   | 7                | N          | _  | 1 | $\vdash$ | F            | F          | L          |   | _        |                         | 55              |          |   |          |          | Н        |          | $\Box$ |        | П             |                 |       | 105        |   | _         | $\dashv$ | 4           | 4         | $\neg$   | $\Box$    | $\Box$    | 4         |   |  |
|  | 7          | ÷   | H                | H          | H  | ╁ | t        | t            | t          | 1          | 1 | $\vdash$ |                         | <u>56</u><br>57 | -        | Н | Н        | Н        | Н        | Н        | Н      | -      | H             | ı               |       | 106        |   | $\dashv$  | +        | +           | 7         | ┪        | $\dashv$  | $\dashv$  | ᅱ         |   |  |
|  | В          | •   |                  | ٦          | -  | _ | L        | L            | F          | F          | 1 | 匚        |                         | 58              |          |   |          |          |          |          |        |        | 口             |                 |       | 108        |   | $\Box$    | $\Box$   | $\Box$      | $\Box$    |          |           | $\Box$    | $\exists$ |   |  |
| -  | 10         | 1   | Y                | H          | 14 | + | ╁╴       | ╁╌           | ╁          | ╁          | 1 | $\vdash$ |                         | 59<br>60        | H        | Н | $\vdash$ | $\vdash$ | Н        | Н        | Н      |        | Н             | 1               |       | 110        |   | $\dashv$  | -        | +           | ┪         | ┥        | Н         | -         | ┥         |   |  |
|  | 11         | Ţ   | I                | I          | П  |   | T        | L            | T          |            | 1 |          | T                       | 61              |          |   |          |          |          |          |        |        |               |                 |       | 111        |   |           | $\Box$   | $\exists$   | コ         | $\Box$   |           | $\Box$    |           |   |  |
| -  | 12         | 1   | H                | Н          | Н  | ╁ | ╁        | ╀            | ╀          | ╁          | 1 | -        | _                       | 63<br>63        | H        | Н | Н        | $\vdash$ | Н        | Н        | -      | -      | Н             |                 |       | 113        |   | $\dashv$  | -        | $\dashv$    | ᅥ         | $\dashv$ | H         | $\dashv$  | ᅱ         |   |  |
|  | 14         | V   | V                | V          | Ż  | 上 |          | 上            | İ          |            | 1 |          | 1                       | 64              |          |   |          |          |          |          |        |        | 口             |                 |       | 114        |   |           |          |             | コ         |          |           |           | コ         |   |  |
| -  | 15         | 3   | V                | ⊢          | Ͱ  | ╀ | ┼-       | ╀            | ╀          | ┼-         | ł | -        |                         | <u>65</u><br>66 | <u> </u> |   | _        | H        | H        | Н        | Н      | Н      | Н             |                 |       | 115        |   |           | 4        | +           | 4         | 4        | Н         | Н         | $\dashv$  |   |  |
|  | 17         | रं  | Ž                | 7          | 1  | 七 |          | t            | t          | $\pm$      | 1 |          |                         | 67              |          |   |          |          |          |          |        |        | 日             | 1               |       | 117        |   |           |          |             |           |          |           |           | コ         |   |  |
| _  | 18         | ÷   | 4                | 4          | 1  | 4 | Ļ        | L            | Į.         | L          | 1 |          |                         | 68<br>69        | _        | Г |          |          |          |          | Н      |        | Н             |                 |       | 118        |   |           | 4        | 4           | _         | _        |           |           |           |   |  |
|  | 20         |     | #                | H          | Н  | 4 | L        |              | +          | 士          | 1 |          |                         | 70              |          |   |          |          |          |          | 123    |        | Н             |                 | _     | 120        |   |           | _        | $\exists$   |           |          |           |           |           | • |  |
|  | 21         | •   | N                |            |    |   | L        | L            | Ţ          | L          | 1 |          |                         | 71              |          | _ |          |          |          |          | П      | П      | П             |                 |       | 121        | - | П         | 4        | 4           | _         |          |           |           | $\dashv$  |   |  |
| -  | 23         | Ť   | ۲.               | <u> </u>   | ł, | + | ╁        | ╁            | 十          | ┿          | l | -        |                         | 72<br>73        | ┝        | H | -        | $\vdash$ | $\vdash$ | Н        | Н      | H      | Н             |                 |       | 122<br>123 | 1 | Н         | +        | ┪           | ┪         | -        | Н         |           | $\dashv$  |   |  |
|  | 24         | 3   | -                | П          | П  | L |          | L            | Ţ          | Γ          | 1 |          | I                       | 74              |          |   |          |          |          |          | П      |        | 口             |                 |       | 124        |   | П         | $\Box$   | $\exists$   |           |          |           | П         | $\Box$    |   |  |
| -  | 25<br>26   | 1   | ٠                | 1          |    | ╁ | ╀        | ╁╌           | ╀          | ╁          | ł | ┢        |                         | 75<br>76        | ⊢        | ┝ | <u> </u> | H        | -        | H        | Н      |        | Н             |                 |       | 125        |   | Н         | $\dashv$ | +           | -         | _        | Н         | Н         | ᅱ         |   |  |
|  | 27         | ·   |                  | ~          |    |   |          | T            | I          |            | 1 |          | T                       | 77              |          |   |          |          |          |          |        |        | 口             |                 |       | 127        |   | П         | $\Box$   |             |           |          |           |           |           |   |  |
| -  | 28<br>29   | ÷   | ╫                | H          | Н  | + | ╀        | ╀            | ╀          | ╁          | 1 | -        |                         | 78<br>79        |          | - |          | ⊢        | ├        | $\vdash$ | Н      | Н      | Н             |                 |       | 128<br>129 |   |           | $\dashv$ | $\dashv$    | $\dashv$  | -        | Н         |           | $\dashv$  |   |  |
|  | 30         | Ŀ   |                  | 且          | Ц  | L | İ        | İ            | İ          | T          | 1 |          |                         | 80              |          |   | П        |          |          |          |        |        | 口             |                 |       | 130        |   |           |          | コ           | ⇉         |          |           |           |           |   |  |
| $\vdash$   | 31         | ÷   |                  | 2          |    |   | -        | $\vdash$     | H          | F          | 1 | -        |                         | 81<br>82        | H        | _ | _        | L        | $\vdash$ | H        | Н      | Н      | Н             |                 |       | 131        |   | Н         | -        | -           | -         | -        | Н         | Н         | $\dashv$  |   |  |
|  | 33         | 1   |                  | $\tilde{}$ | Ë  | İ | L        | 上            | t          | t          | 1 |          |                         | 83              |          |   |          |          |          |          | Н      | Ш      | 日             |                 |       | 133        |   | $\exists$ |          | $\exists$   |           |          |           |           | ╛         |   |  |
| -  | 38         |     | L                | L          | L  | - | -        | ╀            | ╀          | Ļ          | - |          |                         | 84<br>85        | L        |   |          |          |          |          |        | $\Box$ | П             |                 |       | 134        |   |           | 4        | 4           | 4         |          |           | Н         | Н         |   |  |
| $\vdash$   | 38         | -   |                  | ┢          | ┞  | ╁ | ╁        | 十            | +          | ╁╴         | 1 | ┢        | _                       | <del>88</del>   | ┝        | ┝ | -        | ┝        | H        |          | Н      | Н      | Н             |                 |       | 136        |   | Н         | $\dashv$ | +           | ┪         |          | Н         | H         | $\exists$ |   |  |
|  | 3          | 7   |                  |            |    | L | Г        | Γ            | Ţ          | L          | 1 | 匚        |                         | 87              |          |   |          |          |          |          |        |        | 口             |                 |       | 137        |   |           | $\Box$   | 4           |           |          | П         |           |           |   |  |
| -  | 33         | ÷   | ┝                | ┝          | ┝  | ╁ | ╁        | ╁            | ╁          | ┝          | ł | $\vdash$ |                         | 88<br>89        | ┝        | - | -        | H        | $\vdash$ | Н        | Н      | Н      | Н             |                 |       | 138<br>139 |   | Н         | $\dashv$ | $\dashv$    | -         | Н        | Н         | Н         | Н         |   |  |
| 匚  | 4          | ·   |                  |            | Г  | I | T        | T            | T          | T          |   |          | I                       | 80              |          |   |          |          |          |          |        |        | 口             |                 |       | 140        |   |           |          | $\sqsupset$ | $\Box$    |          |           |           | $\Box$    |   |  |
| -  | 42         | 1   | -                | ┝          | ╀  | ╀ | ╀        | ╀╌           | ╀          | ╀          | ł | ⊢        |                         | 91<br>92        | ┝        | H | H        | H        | H        | H        | Н      |        | Н             |                 |       | 142        |   | Н         | $\dashv$ | -           | $\dashv$  | -        | Н         | Н         | $\dashv$  |   |  |
|  | 48         | 1   |                  |            | I  | 1 |          | I            | 1          |            | 1 | 二        | 1                       | 93              |          |   |          |          |          |          | d      |        | 口             |                 |       | 143        |   |           |          | コ           | ╛         |          |           | d         | 口         |   |  |
| -  | 48         |     | -                | -          | 1  | ╀ | $\vdash$ | ╀            | +          | F          | 1 | $\vdash$ |                         | 94<br>95        | -        | F | L        | <u> </u> | <u> </u> | H        | H      |        | H             |                 |       | 144        |   | Н         | $\dashv$ | 4           | 4         |          | Н         | Н         | $\dashv$  |   |  |
|  | 48         |     |                  |            | L  | T | t        | İ            | 1          | t          | 1 | E        | 1                       | 96              |          |   |          |          |          |          | Н      |        | ㅂ             |                 |       | 146        |   | Н         |          | ╛           | J         |          | $\exists$ | $\exists$ |           |   |  |
| -  | 47<br>48   | 1   | -                | ļ.         | Ļ  | F | F        | F            | F          | F          | } |          |                         | 97<br>98        | F        | F | F        |          | F        | П        | Н      |        | П             |                 |       | 147        |   |           |          | 4           | $\exists$ | П        | П         | П         |           |   |  |
|  | 49         |     |                  |            |    | T | $\pm$    | $^{\dagger}$ | 士          | t          | 1 | L        |                         | 99              |          | E |          |          |          |          | H      | Н      | H             |                 |       | 148        |   | Н         | H        | _           | $\exists$ |          | H         | H         | Н         |   |  |
|  | 50         |     |                  |            | Γ  | L |          | I            | I          | L          | ) |          |                         | 100             |          |   |          |          |          |          |        |        |               |                 |       | 150        |   |           |          |             |           |          |           |           |           |   |  |
|  |            |     |                  |            |    |   |          |              |            |            |   |          |                         |                 |          |   |          |          |          |          |        |        |               |                 |       |            |   |           |          |             |           |          |           |           |           |   |  |

Application/Control No.

Applicant(s)/Patent under